

CUSTOMER NO.: 020991

PATENT

Docket No. PD-201006A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION TRANSMITTAL LETTER FOR  
NONPROVISIONAL PATENT APPLICATION  
Under 37 C.F.R. 1.53(b)

Certification under 37 CFR 1.10 (if applicable)

EF740979602US

May 16 2001

EXPRESS MAIL mailing number

Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Vickie Chupp

(Type or printed name of person mailing application)

(Signature of person mailing application)

Commissioner for Patents  
Washington, D.C. 20231

Transmitted herewith for filing is the patent application, including 9 sheet(s) of formal drawings, of inventor(s):  
**DONALD C. D. CHANG, WAH L. LIM, and MING U. CHANG.** This form is submitted in triplicate.

For: **COMMUNICATION SYSTEM FOR MOBILE USERS USING ADAPTIVE ANTENNA**

The filing fee for this application is calculated below:

	CLAIMS AS FILED			
	NUMBER FILED	NUMBER EXTRA	RATE	
Basic Fee	22	-20=	2 x	\$ 18.00
Total Claims	3	-3 =	0 x	\$ 80.00
Independent Claims			+	\$260.00
Multiple Dependent Claims				\$

**TOTAL FILING FEE :****\$746.00**

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$746.00**. The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment, to that account.

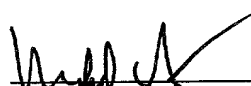
The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

Applicant hereby claims the benefit under 35 U.S.C. 119(e) of the following United States provisional applications: **60/266,684 (PD-201015), filed February 5, 2001, 60/262,717 (PD-201005) filed on January 19, 2001 and 60/262,701 (PD-201006) filed January 19, 2001 - still pending.**

Please associate this application with the Hughes Electronics Corporation Customer Number 020991.

**HUGHES ELECTRONICS CORPORATION**

CUSTOMER NUMBER 020991  
HUGHES ELECTRONICS CORPORATION  
Patent Docket Administration  
Bldg. 001, M/S A109  
PO Box 956  
El Segundo, CA 90245-0956  
Telephone: (310) 662-9916  
Dated: May 16, 2001

  
MICHAEL W. SALES, Registration No.: 30,213  
X Attorney or Agent of Record  
Assignee of complete interest  
Filed under 37 CFR 1.34(a)